1053<u>മുട്ടെ ക്ലൂപ്പു</u> 2624

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

#### 10538692 **Application Number** Filing Date 2005-06-10 INFORMATION DISCLOSURE First Named Inventor Arun Ramaswamy STATEMENT BY APPLICANT Art Unit 1644 2624 ( Not for submission under 37 CFR 1.99) Not Yet Assgined Amir Alavi **Examiner Name** Attorney Docket Number 20004/82-US

			Remove			
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	4468807		1984-08-28	Moulton	
	2	4611347		1986-09-09	Netravali et al.	
	3	4843631		1989-06-27	Steinpichler et al.	
	4	4858000		1989-08-15	Lu	
	5	4993049		1991-02-12	Cupps	
	6	5063603		1991-11-05	Burt	
	7	5067160		1991-11-19	Omata et al.	
	8	5099324		1992-03-24	Abe	

Application Number		10538692	10538692 - GAU: 2624
Filing Date		2005-06-10	
First Named Inventor	Arun	Ramaswamy	
Art Unit	•	1644	
Examiner Name	Not Y	et Assgined	
Attorney Docket Number		20004/82-US	

9	5121201	1992-06-09	Seki	
10	5164992	1992-11-17	Turk et al.	
11	5229764	1993-07-20	Matchett et al.	
12	5412738	1995-05-02	Brunelli et al.	
13	5629752	1997-05-13	Kinjo	
14	5675663	1997-10-07	Koerner et al.	
15	5715325	1998-02-03	Bang et al.	
16	5719951	1998-02-17	Shackleton et al.	
17	5771307	1998-06-23	Lu et al.	
18	5781650	1998-07-14	Lobo et al.	
19	5801763	1998-09-01	Suzuki	

Application Number		10538692	10538692 - GAU: 2624
Filing Date		2005-06-10	
First Named Inventor	Arun	Ramaswamy	
Art Unit	•	1644	
Examiner Name	Not Y	et Assgined	
Attorney Docket Number		20004/82-US	

20	5805745	1998-09-08	Graf	
21	5835616	2006-11-10	Lobo et al.	
22	5850470	1998-12-15	Kung et al.	
23	5859921	1999-01-12	Suzuki	
24	5864630	1999-01-26	Cosatto et al.	
25	5878156	1999-03-02	Okumura	
26	5892837	1999-04-06	Luo et al.	
27	5901244	1999-05-04	Souma et al.	
28	5920641	1999-07-06	Ueberreiter et al.	
29	5963670	1999-10-05	Lipson et al.	
30	5978507	1999-11-02	Shackleton et al.	

Application Number		10538692	10538692 - GAU: 2624
Filing Date		2005-06-10	
First Named Inventor	Arun	Ramaswamy	
Art Unit		1644	
Examiner Name	Not Y	et Assgined	
Attorney Docket Number		20004/82-US	

31	5987154	1999-11-16	Gibbon et al.	
32	6055323	2000-04-25	Okumura	
33	6332033	2001-12-18	Qian	
34	6332038	2001-12-18	Funayama et al.	
35	6363159	2002-03-26	Rhoads	
36	6940545	2005-09-06	Ray et al.	
37	6944319	2005-09-13	Huang et al.	
38	3805238	1974-04-16	Rothfjell	
39	4644509	1987-02-17	Kiewit et al.	
40	5384716	1995-01-24	Araki et al.	
41	4849737	1989-07-18	Kirihata et al.	

Application Number		10538692	10538692 - GAU: 2624
Filing Date		2005-06-10	
First Named Inventor	Arun	Ramaswamy	
Art Unit	•	1644	
Examiner Name	Not Y	et Assgined	
Attorney Docket Number		20004/82-US	

				<u> </u>	T	1		
	42	5793409		1998-08-11	Tetsumura			
	43	4769697		1988-09-06	Gilley et al.			
	44	5031228		1991-07-09	Lu			
	45	5550928		1996-08-27	Lu et al.			
	46	5097328		1992-03-17	Boyette			
If you wish	n to ac	dd additional U.S. Pater	t citatio	n information p	lease click the Add button.	I.	Add	
			U.S.P	ATENT APPLI	CATION PUBLICATIONS		Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Releva		Lines where les or Relevant
	1	20030033600		2003-02-13	Cliff et al.			
	2	20050198661		2005-09-08	Collins et al.			
	3	20060062429		2006-03-23	Ramaswamy et al.			
If you wisl	If you wish to add additional U.S. Published Application citation information please click the Add button. Add  FOREIGN PATENT DOCUMENTS  Remove							

Application Number		10538692	10538692 - GAU: 2624
Filing Date		2005-06-10	
First Named Inventor	Arun	Ramaswamy	
Art Unit		1644	
Examiner Name	Not Y	et Assgined	
Attorney Docket Number		20004/82-US	

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> į	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5			
	1	WO 99/27688	wo		1999-06-03	Lu et al.					
If you wisl	n to ac	⊥ dd additional Foreign P	ı atent Document	citation	information pl	⊥ lease click the Add butto	n Add				
			NON-PATE	NT LITE	RATURE DO	CUMENTS	Remove				
Examiner Initials*											
	1	Duda and Hart, "Bayes	Decision Theory",	Pattern	Classification &	Scene Analysis, pp. 10-43	, Wiley Publishers, 1973.				
	2	International Preliminary Examination Report corresponding to International Application No. PCT/US2002/039625, April 27, 2004, 4 pages.									
	3	Qing et al. "Histogram Based Fuzzy C - Mean Algorithm For Image Segmentation," Pattern Recognition, 1992. Vol. III. Conference C: Image, Speech and Signal Analysis, Proceedings., 11th IAPR International Conference, August 30 - September 2, 1992.									
	4	Wolfram, Stephen, "Mathematica A System for Doing Mathematics by Computer", 2d Ed., Addison-Wesley Publishing Company, Inc., 1991, pp. 665-666.									
	5	"Convex Hull", http://www.cse.unsw.edu.au/~lambert/java/3d/ConvexHull.html, downloaded November 6, 2002.									
	6		"What is convex hull? What is the convex hull problem?," http://www.ifor.math.ethz.ch/~fukuda/polyfaq/node13.html, downloaded November 6, 2002.								
	7	"1.6.2 Convex Hull," htt	"1.6.2 Convex Hull," http://www.cs.sunysb.edu/~algorith/files/convex-hull.shtml, downloaded November 6, 2002.								

Application Number		10538692	10538692 - GAU: 2624
Filing Date		2005-06-10	
First Named Inventor	Arun	Ramaswamy	
Art Unit		1644	
Examiner Name	Not Y	et Assgined	
Attorney Docket Numb	er	20004/82-US	

	8 International Search Report corresponding to International Application No. PCT/US2002/039625, June 20, 2003, 5 pages.										
If you wish to add additional non-patent literature document citation information please click the Add button Add											
EXAMINER SIGNATURE											
Examiner Signatu		ture	/Amir Alavi/	Date Considered	07/14/2009						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											
<sup>1</sup> See Kind Codes of USPTO Patent Documents at <u>www.USPTO.GOV</u> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.											

( Not for submission under 37 CFR 1.99)

Application Number		10538692	10538692 - GAU: 2624
Filing Date		2005-06-10	
First Named Inventor Arun		Ramaswamy	
Art Unit		1644	
Examiner Name Not Y		et Assgined	
Attorney Docket Number	er	20004/82-US	

CERTIFICATION STATEMENT									
Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):									
	That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).								
OR									
	That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).								
	See attached cer	rtification statement.							
	Fee set forth in 3	7 CFR 1.17 (p) has been submitted herewith	l.						
<b>√</b>	None								
SIGNATURE  A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.									
Sigr	nature	/James A. Flight/	Date (YYYY-MM-DD)	2006-07-11					
Nan	ne/Print	James A. Flight	Registration Number	37622					
pub	This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed								

application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria**,

VA 22313-1450.

10538692 - GAU: 2624

#### **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records
  may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant
  to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
  - 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.